# San Antonio Light.

5-Cent Cigar in the Market FirstOuarter

HARRY BAUM & CO.,

Vol. 10. 10. 41.

San Antonio, Teras, Saturday, february 10, 1884.

Ten Cents a Week

#### J. W. HANNIG,

Furniture, Carnets and Mattings,

## GEO.W. VAN VORST,

CALCASIEU LUMBER,

California Redwood, sash, doors, blinds and mouldings. Cor. Dawson and Circstnut sts. San Aptonio. Telephone St. 1 16-6m

F. W. McALLISTER,

Groceries, Country Produce, Etc. Antin white line, confirm of the city. Lowest process guaranteed. Bit cor. South Alamo and Villta streets. Telephone No. 181. 1-18-6m

### MASQUERADE BALL!

By San Antonio Turn Verein,

SATURDAY, FEB'Y 23, '84

AT TURNER HALL,

Music by the Eighth cavalry band. Elegant groups of maskers will appear. Humorous interfunds during the dancing, Only costumed maskers will be permitted to dance. A limited number of non-members can be introduced. No tlekets will be sold after 12 m. February 23. Tickets \$1 canh. Apply to A.F. Beckmann, C. Runge, A. Sartor, E. Kuehn. A costume hop to be held Tuesday, February 25, for members only.

PEREIDA BROS.

#### Watchmakers - Jewelers,

#### LODGING HOUSE! C. Schiebel, Prop.,

No. 412, corner Avenue E and Seventh street-Furnished rooms to let by day, work or mouth at liboral prices. 18-2-bn

#### HARRY C. MILLER, Rubber Stamps,

Metal checks, door plates, house numbers, etc. No. 8 Navarre street, adjusting Grees bank, San Astonio, 1-22-17

Thos. Dawson & Co. CARPENTERS, BUILDERS

Belvin St., Near North Plores, Ban Antonio. All work executed with dis-paich, and in the best manney. 199-lin

S. SMITHER, Merchant Tailor,

#### And don't forget the address. Criebrated English riding habit and basque maker. [2-4-6m MASQUERADE BALL,

Saturday, Feb. 16, 1884,

By San Antonio Arbeiter Verein.

#### A. J. COBELDICK & CO.,

Milliners and Costumers,

HILDESHEIMER & WALKER,

## **Commission Merchants**

And desices to Grain, Frutts, Lard, Baron Hides, Wurd, Pataton and Deporal Country Produce, 213 Bolodad street, San Antonio

## L. HUTH & SON,

The Old Stand Hardware Store,

#### MICRO-PHOTOGRAPHY.

ITS INVALUABLE USES TO SCIENCE AND

ing Paper from Dr. R. Nenger on th , Describing the Necessary Appa-tus and Manner of Operation.

Editor Pan Antonio Light.

Complying with your request to give a short synopsis on micro-photography, I shall endeavor to avail myself in doing this with as much more pleasure, as I had opportunity to be engaged in micro-photography within the last ten months—a most facinating pursuit for scientific purposes. Of course, it can not be expected to go into abstrace demonstrations on optic, chemical or mechanical facts. Although a mere mentioning of the objects, physical as well as chemical, will not lead us even to a general view and understanding of the working process of micro-photography.

In the first place four objects are absolutely necessary to be taken into consid-

lucely necessary to be taken into consideration: A common photographic camera, a microscope, concentrated light, and chemically prepared gelatine plates. These gelatine plates are the essential material on which the newest and most satisfactory result in photography is based. They are prepared so sensitive to exposure to aunlight, that pictures are now taken within a second, so that not alone photographic sceneries on board of a running railroad our or steamship, or the running of a horse, or the flight of a bird can be

in a second, so that not alone photographic sceneries on beard of a ranning railroad car or steamship, or the ranning of a horse, or the flight of a bird can be accurately taken, but even lightning during a thinderstorm can be photographed, showing that the curve of lightning is not, as wantly believed, in the form of a zig-zag, but represents a curve similar to the waving of the sea.

As already stated, bright sunlight, can produce instantaneous pletures, if the objects to be taken, are properly founed in the camera. For this reason only red light in a very dark room can be used in preparing and manipulating these sensitive plates. In making pictures with the micro-photographic appartus, although no sunlight is needed, accurate pictures can be taken just as well with a good light of a lamp, only that there is a great difference in the time of exposure, varying from 00 to 000 times longer, neverthing to the magnifying power of the lenses of both instruments. Electric light would, undoubtedly, properly applied, be the best material for microphotography. As the production of a photography- a picture depends entirely on the sensitiveness of the plate, the time of exposure and the amount and quality of light, so, of course, the time of exposure in preparing photos from under the microscope differs and depends greatly on the above principles and on the magnifying power of the lenses.

It takes a score of time and labor to get to the right point and the details in

principles and on the magnifying power of the lenses.

It takes a sore of time and labor to get to the right point and the details involved, especially in photographing with the microscope, therefore failures occur often and photography is still an expensive pursuit. But, once properly undertaken, seidom fails to repay offe for the occasional failures and expenses in making is about the process in making is about the process in making is about the process in making is failured and focused with the microscope, then the microscope is first well fixed and focused with the microscope, then the microscope is brought into hermetic connection with the camera; then the picture of the microscope object is accurately focused in and with the enners so as to give a sharp picture; then the picture of the place of the giant price of the place of the giant price of the place of

and the most minute tissues, etc., can be detected and permanently photographes. All the modern discoveries in science, especially relating to microgranisms as primary cause of diseases, are based on microscopical researches, with it, all the normal (healthy) tissues and most of the mochid (photogranisms and most of the mochid (photogranisms) in the human system can be distanced in the human system can be distanced in the human system can be distanced by the human system can be distanced by the human system can be distanced by the human system can also most accurately be detected with this, the sharpest of all detectives, the microscope. Yours repectfully, H. Mexoner, M. D.

#### MIRACLES IN THE BIBLE.

LIGHT FLASHES.

LIGHT LASHES.

What the haporters Lagrend on Their Tour Through the City.

—Received, D.

—An edgrate being made to have some races at the old race track, April 1.

—Considerable tree planting is going on all over the city. A good move,

—Jackson, aged it, died of consumption on the 14th, in the Fourth ward.

—Sixteen building permits have been issued during the week, from \$50 to \$2750.

continued in the recovers court instruments in recovers the past morning.

—Severaly persons have had \$471 imposed upon them as these for the past week in the Recorder's court.

—Several of the theatrical companies booked for Turner hall for this senson have cancelled their engagoments.

—The Arbeiter Vorein society will given their annual masquerade to-night. For members and their guests only.

—James Folely received a ticket for two years' lunch and bedding in the penitentiary, yesterday, forstealing a watch.

—An Odd Follow from Seguin, Mr. Koch, was buried this afterneon with Independent Order of Odd Fellows' honors.

Services at Madison Square Presbyterian church to-morrow. Presching at
il a. m. by the pastor, Rev. W. H.
Buchanan, Sunday school at 3 o'clock
p.m. All are cordially invited.

—Manager Pillow, of the Western
Union telegraph office, guess from here
Into the service of the Telephone Exchange at Austin. He will be replaced
here by Mr. Jerry Newton, of Houston.

—The San Autonio Phonograph, a new
weekly paper, made its appearance today. It is quite neatly gotten up, is
Democratic, and bears the imprint of the
Times office. The Laterr wishes it all
the success possible.

—Mr. C. L. Muller, formerly assistant
draughteman of J. C. Converse, the
architect, has received his appointment
as first assistant on the C. P. Huntington system of railroads in Durago,
Mexico. He leaves to-morrow for his
new field of penell work.

—The Creecent boarding house, No.
1-3, Austin street, was robbed yesterday
morning. The robbers went through
five rooms, emptying trunks and satchels in their search, and secured about
\$20 in money, two watches and some
jewelry. No trace to the thieres has
been discovered so far.

—Rev. Mr. Falkinburg, pastor of the
Trinity Methodist Episcopal church,
commences a series of sermons, to-morrow evening, upon the parables of Jenus
Christ, recorded in the Gospels of the
New Testament. It is intended to make
the sermons plain and practical. It
would be well for a good many people of
San Antonio to hear them.

—Deputy Sherliffs Alexander and Van
Riper secured an escaped convict,
named Frank Morgan, a colored man,
who had been sentenced for five years,
for stealing cattle, in Travis county,
Morgan had escaped twice before and
this is the second time that Bob Alexander band the satisfaction of nabbing
him. He is now lodged among the miscellancous collection of boarders where
Sheriff McCall holds tender.

—Tentry Methodist Episcopal church,
corner Archune C and Pecan street; Rev.
W. S. Falkinburg, Pastor. Regular services to-morrow at 11 a. m. and 8 p. m.
Morning subject: "Croming Out of Tribul

#### SHADE AND COMFORT.

Rehearsal,
The Beethoven Maennerchur will hold a rehearsal at Scholr hall, at 8 o'clock.
A full attendance requested.

#### TELEGRAPHIC NEWS.

LAYING THE CORNER STONE OF THE GEORGE BALL SCHOOL BUILDING.

Chesapeake and Ohio rallway company have offered to transfer free the supplies contributed.

East Sacusaw, February 15.—The will of Colonel Hunt, a millionairs lumber man of Roseommon county, disclesses that he has bequeathed 55000 to Caroline Brown, the mother of Arienus Ward, and similar amounts to Ell Perkins and Josh Billings.

Lousvillar, February 15.—The river has been on a stand all day and the general situation is unchanged. General Saxion, by the steamer Mattle Hayes, went down the river this morning with Government supplies for the destitute in the flooded districts.

Messeus, February 15.—The river at 10 colock p. m. is 33 feet 7 inches in the gauge, which is five inches below the danger line. A more hopeful feeling prevails, but a diasstrous overflow to many piantations below here is inevitable. All the rallroads continue running regular passenger trains.

Parocart, February 15.—While John Beatly was attempting to convey his wife, three children and two young ladies named Weatherford, across the backwater near Newburg, on the Tennessee, his skiff was dashed against a tree by a current and upset. Mrs. Beatty, all the children and one of the young ladies named Weatherford, across the backwater near Newburg, on the Tennessee, his skiff was dashed against a tree by a current and upset. Mrs. Beatty, all the children and one of the young ladies named weatherford, across the backwater near Newburg, on the Tennessee, his skiff was dashed against a tree by a current and upset. Mrs. Beatty, all the children and one of the young ladies named weatherford, across the backwater near Newburg, on the Tennessee, his skiff was dashed against a tree by a current and upset. Mrs. Beatty, all the children and one of the young ladies named weatherford, across the oldern substant of the produced against a continue of the pounced against a continue of the pounced against and one of the young ladies of the pounced against a continue of the pounced against a continue of the pounced against a continue of the pounced against a